



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/826,622	04/16/2004	Heather A. Boucher Ashe	JJK-0406 (P2003J054)

27810
 EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
 P.O. BOX 900
 1545 ROUTE 22 EAST
 ANNANDALE, NJ 08801-0900

CONFIRMATION NO. 1307

FORMALITIES LETTER



OC000000013076361

Date Mailed: 06/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents

08/06/2004 GW0R00F1 00000032 051330 10826622
 01 FC:1051 130.00 DA P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

08/05/2004 14:41 2259771025

EMPR BATON ROUGE

PAGE 05

Page 2 of 2

M - WAINE

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

AUG 05 2004

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
TOTAL AMOUNT OF PAYMENT	(\$) 130.00

PTO/SB/17 (10-03)
Approved for use through 07/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known

Application Number	10/826,622
Filing Date	4/16/04
First Named Inventor	Heather A. Boucher Ashe
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	JJK-0406 (P2003J054)

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

05-1330

ExxonMobil Research and Engineering Company

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION
1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 366	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	x 18.00 =	
			- 3** =	x 86.00 =	

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	" Reissue Independent claims over original patent
1205 18	2205 9	" Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

*or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 2051	1051 65	Surcharge - late filing fee or oath	130.00
1052 2052	1052 25	Surcharge - late provisional filing fee or cover sheet	
1053 1053	1053 130	Non-English specification	
1812 1812	1812 2,520	For filing a request for ex parte reexamination	
1804 1804	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1805	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 1251	1251 110	Extension for reply within first month	
1252 1252	1252 420	Extension for reply within second month	
1253 1253	1253 650	Extension for reply within third month	
1254 1254	1254 1,480	Extension for reply within fourth month	
1255 1255	1255 2,010	Extension for reply within fifth month	
1401 1401	1401 330	Notice of Appeal	
1402 1402	1402 330	Filing a brief in support of an appeal	
1403 1403	1403 290	Request for oral hearing	
1451 1451	1451 1,510	Petition to institute a public use proceeding	
1452 1452	1452 110	Petition to revive - unavoidable	
1453 1453	1453 1,330	Petition to revive - unintentional	
1501 1501	1501 1,330	Utility issue fee (or reissue)	
1602 1602	1602 480	Design issue fee	
1603 1603	1603 640	Plant issue fee	
1460 1460	1460 130	Petitions to the Commissioner	
1807 1807	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 1806	1806 180	Submission of Information Disclosure Stmt	
8021 8021	8021 40	Recording each patent assignment per property (times number of properties)	
1809 1809	1809 770	Filing a submission after final rejection (37 CFR 1.129(e))	
1810 1810	1810 770	For each additional invention to be examined (37 CFR 1.129(b))	
1801 1801	1801 770	Request for Continued Examination (RCE)	
1802 1802	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130.00

SUBMITTED BY		(Complete if applicable)
Name (Print/Type)	Jeremy J. Kilebert	Registration No. 48,227
Signature		Telephone (225) 977-1592
Date	08/05/04	

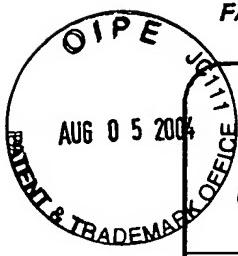
WARNING Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-1000 and select option 2.

To: Office of Initial Patent Examination
 Response to Notice to File Missing Parts
 FACSIMILE NO: (703) 746-4060

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

		Application Number	10/826,622
		Filing Date	4/16/04
		First Named Inventor	Heather A. Boucher Ashe
		Art Unit	Unassigned
		Examiner Name	Unassigned
Total Number of Pages in This Submission	5	Attorney Docket Number	JJK-0406 (P2003J054)

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
--	--	--

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jeremy J. Kliebert, Reg. No. 48,227	
Signature		
Date	August 5, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Shannon J. Malocchi	
Signature		Date 08/05/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CUSTOMER NO.: 27810